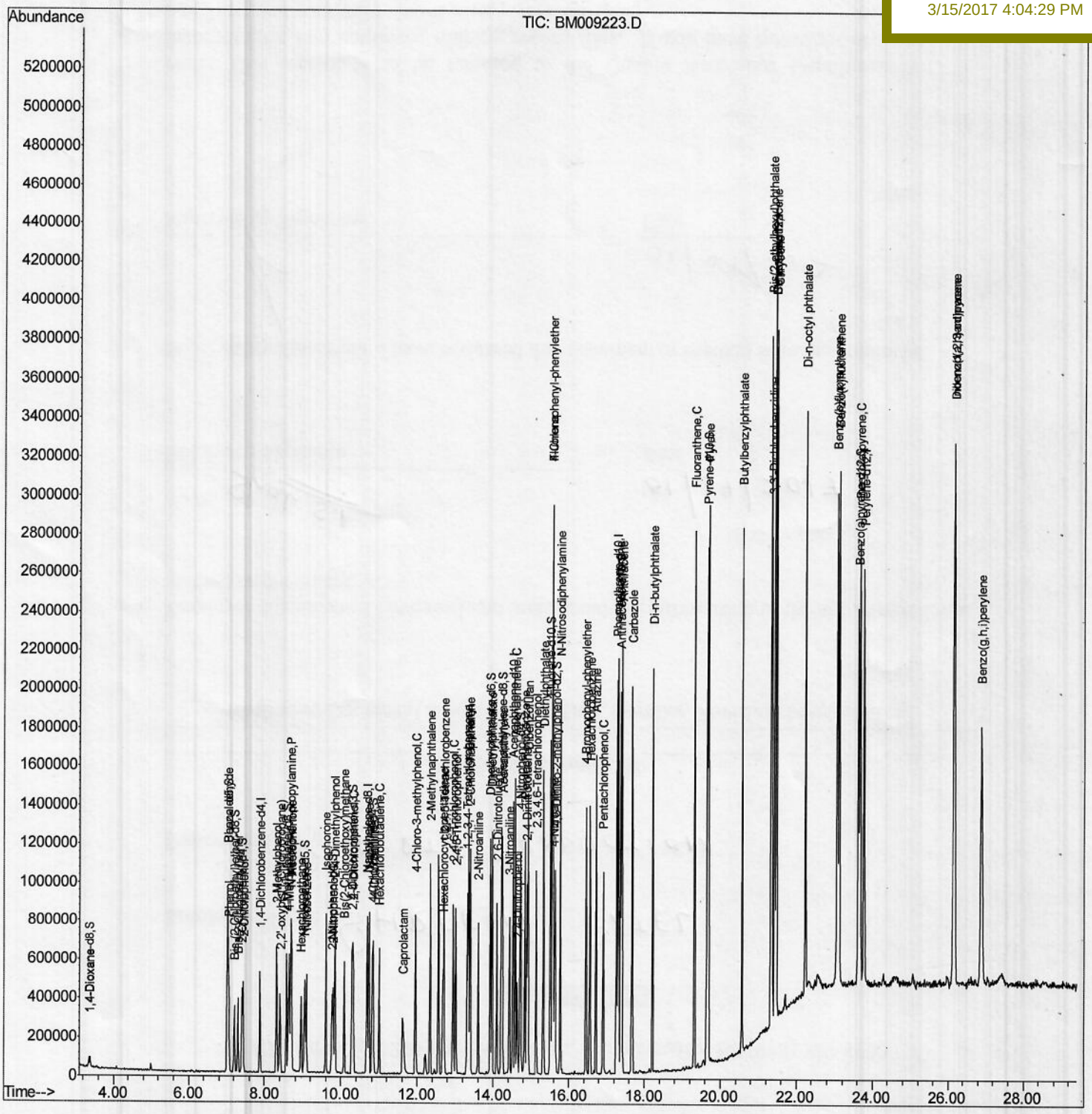
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\Data\BM031317\
Data File : BM009223.D
Acq On : 13 Mar 2017 18:22
Operator : SJ/MA
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 13 18:56:31 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-2016\SOM-EPA-BM031317MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 13 18:31:21 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SICV66

Manual Integrations APPROVED
mohammad
3/15/2017 4:04:29 PM



Quantitation Report (Qedit)

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ClientSampleId :
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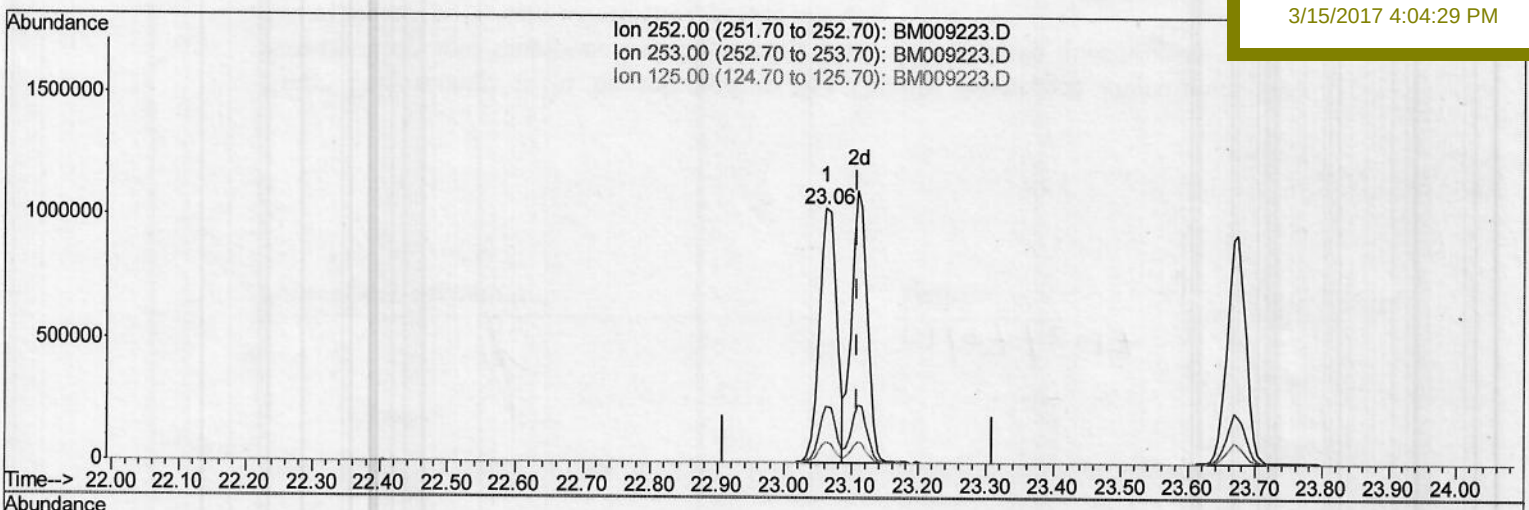
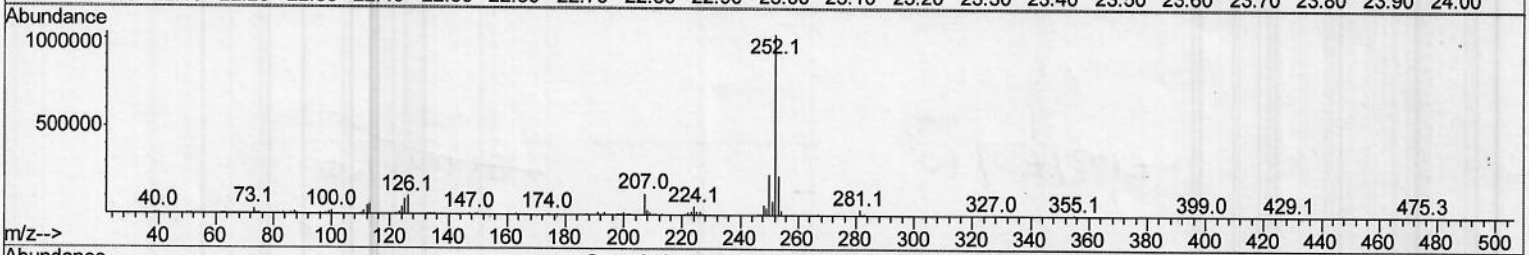
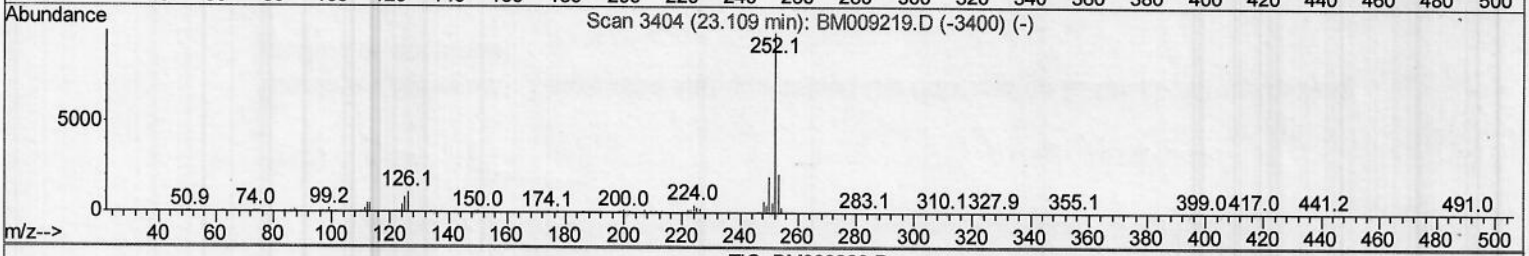
3/15/2017 4:04:29 PM







TIC: BM009223.D

(88) Benzo(k)fluoranthene

23.062min (-0.047) 20.61ng/ul

response 1864178

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	22.16
125.00	10.20	8.21
0.00	0.00	0.00

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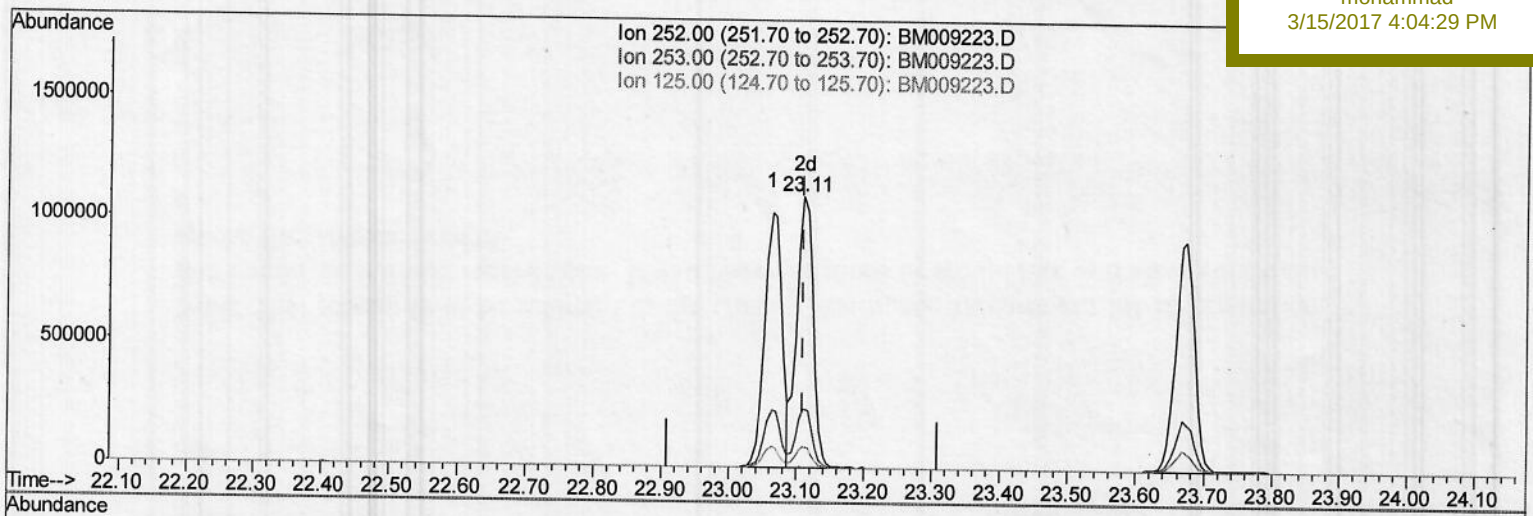
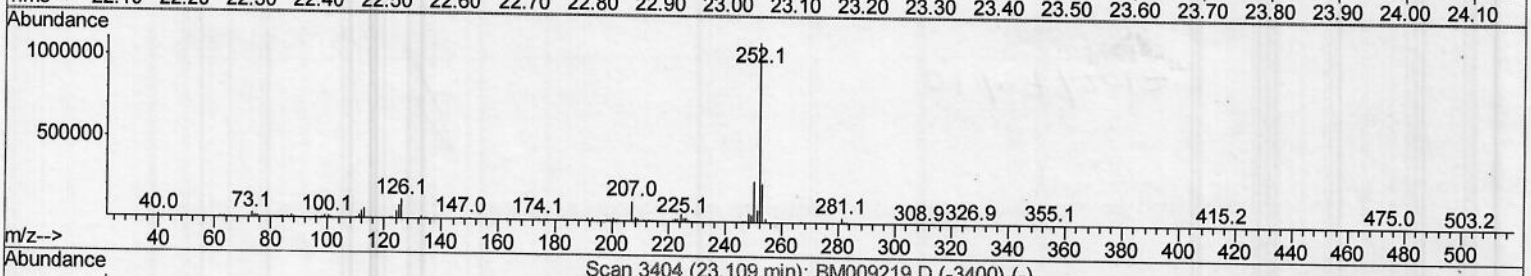
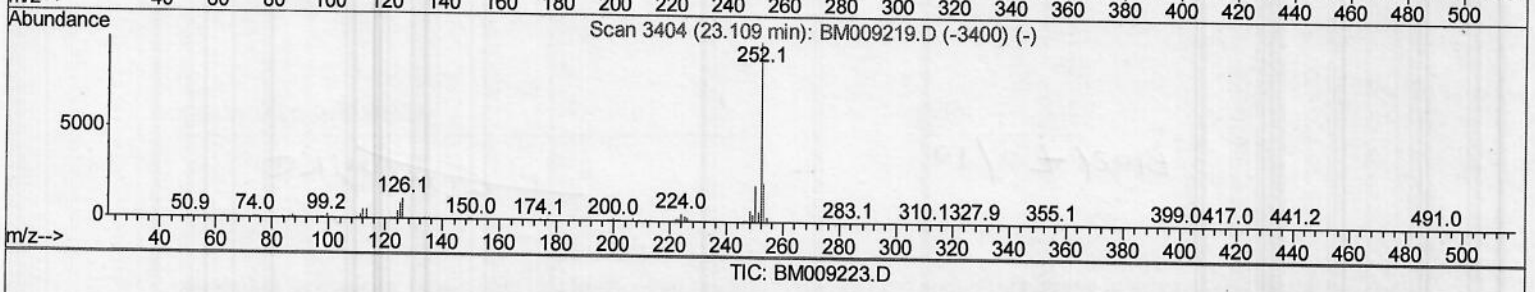
Manual Integrations APPROVED
mohammad
3/15/2017 4:04:29 PM







TIC: BM009223.D

(88) Benzo(k)fluoranthene

23.109min (+0.000) 20.30ng/ul m

response 1836118

SJ
08/18/2017

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	21.15
125.00	10.20	7.77#
0.00	0.00	0.00

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mohammad
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Quant Time: Mar 13 18:56:31 2017
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Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	119124	20.00	ng/ul	0.00
18) Naphthalene-d8	10.68	136	572226	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.52	164	423943	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.27	188	1128562	20.00	ng/ul	0.00
77) Chrysene-d12	21.44	240	1600684	20.00	ng/ul	0.00
85) Perylene-d12	23.77	264	1600989	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.35	96	22024	8.14	ng/uL	0.00
5) Phenol-d5	7.03	99	234359	18.19	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.21	67	162229	19.33	ng/ul	0.00
9) 2-Chlorophenol-d4	7.41	132	149990	19.05	ng/ul	0.00
13) 4-Methylphenol-d8	8.58	113	192126	18.69	ng/ul	0.00
19) Nitrobenzene-d5	9.05	128	84464	20.67	ng/ul	0.00
22) 2-Nitrophenol-d4	9.76	143	91326	20.13	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.29	165	195611	20.19	ng/ul	0.00
29) 4-Chloroaniline-d4	10.82	131	237362	20.54	ng/ul	0.00
43) Dimethylphthalate-d6	13.92	166	720637	22.38	ng/ul	0.00
46) Acenaphthylene-d8	14.22	160	819345	22.13	ng/ul	0.00
51) 4-Nitrophenol-d4	14.71	143	135444	21.19	ng/ul	0.00
57) Fluorene-d10	15.51	176	628821	21.89	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.63	200	121908	18.06	ng/ul	0.00
70) Anthracene-d10	17.36	188	1053737	19.73	ng/ul	0.00
78) Pyrene-d10	19.66	212	1307307	20.23	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.62	264	1454302	19.86	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.38	88	24952	8.70	ng/uL#	75
4) Benzaldehyde	7.03	77	192892	22.33	ng/ul#	76
6) Phenol	7.06	94	248493	18.06	ng/ul#	79
8) Bis(2-Chloroethyl)ether	7.30	93	185173	18.79	ng/ul#	74
10) 2-Chlorophenol	7.44	128	155820	19.19	ng/ul#	75
11) 2-Methylphenol	8.31	108	178170	17.87	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.41	45	311534	18.97	ng/ul#	86
14) Acetophenone	8.70	105	322103	18.65	ng/ul#	77
15) N-Nitroso-di-n-propylamine	8.68	70	202029	19.08	ng/ul#	85
16) 4-Methylphenol	8.64	108	206681	18.29	ng/ul	94
17) Hexachloroethane	8.96	117	67930	19.10	ng/ul	98
20) Nitrobenzene	9.09	77	272138	19.97	ng/ul#	86
21) Isophorone	9.60	82	532430	19.75	ng/ul#	93
23) 2-Nitrophenol	9.79	139	100834	20.42	ng/ul#	72
24) 2,4-Dimethylphenol	9.85	107	254301	20.07	ng/ul	89
25) Bis(2-Chloroethoxy)methane	10.09	93	293915	19.89	ng/ul	98
27) 2,4-Dichlorophenol	10.32	162	186674	19.46	ng/ul	95
28) Naphthalene	10.73	128	573085	19.53	ng/ul	98
30) 4-Chloroaniline	10.85	127	243403	19.88	ng/ul	99
31) Hexachlorobutadiene	11.00	225	131556	19.90	ng/ul	98
32) Caprolactam	11.61	113	76916	19.20	ng/ul#	58
33) 4-Chloro-3-methylphenol	11.96	107	254143	20.19	ng/ul	93
34) 2-Methylnaphthalene	12.34	142	455592	19.50	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.70	216	279043	21.88 ng/ul	97
37) Hexachlorocyclopentadiene	12.67	237	145214	20.14 ng/ul	96
38) 2,4,6-Trichlorophenol	12.95	196	176628	21.85 ng/ul	95
39) 2,4,5-Trichlorophenol	13.02	196	203420	21.96 ng/ul	99
40) 1,1'-Biphenyl	13.35	154	649243	21.86 ng/ul	94
41) 2-Chloronaphthalene	13.39	162	496783	21.61 ng/ul	96
42) 2-Nitroaniline	13.60	65	213631	22.63 ng/ul#	71
44) Dimethylphthalate	13.97	163	722390	22.37 ng/ul#	99
45) 2,6-Dinitrotoluene	14.10	165	135671	21.84 ng/ul#	69
47) Acenaphthylene	14.24	152	818416	22.08 ng/ul	98
48) 3-Nitroaniline	14.43	138	148057	22.38 ng/ul	82
49) Acenaphthene	14.59	153	568798	21.81 ng/ul	96
50) 2,4-Dinitrophenol	14.63	184	79486	19.52 ng/ul#	76
52) 4-Nitrophenol	14.72	109	154260	20.66 ng/ul#	76
53) Dibenzofuran	14.92	168	841196	21.89 ng/ul	98
54) 2,4-Dinitrotoluene	14.89	165	216344	22.60 ng/ul#	76
55) 2,3,4,6-Tetrachlorophenol	15.14	232	195560	22.00 ng/ul	93
56) Diethylphthalate	15.33	149	745703	22.05 ng/ul	99
58) Fluorene	15.57	166	716649	21.61 ng/ul	98
59) 4-Chlorophenyl-phenylether	15.56	204	373992	21.94 ng/ul	88
60) 4-Nitroaniline	15.59	138	168733	22.46 ng/ul#	66
63) 4,6-Dinitro-2-methylphenol	15.65	198	137302	19.36 ng/ul	93
64) N-Nitrosodiphenylamine	15.77	169	625552	19.72 ng/ul	98
65) 4-Bromophenyl-phenylether	16.46	248	237903	19.51 ng/ul	89
66) Hexachlorobenzene	16.57	284	265923	19.61 ng/ul#	86
67) Atrazine	16.72	200	256229	19.32 ng/ul	94
68) Pentachlorophenol	16.91	266	156427	17.56 ng/ul	97
69) Phenanthrene	17.31	178	1233231	19.64 ng/ul	100
71) Anthracene	17.40	178	1266007	19.77 ng/ul	98
72) 1,2,3,4-Tetrachlorobenzene	13.32	216	260179	19.62 ng/uL	99
73) Pentachlorobenzene	14.83	250	284764	20.00 ng/uL	97
74) Carbazole	17.67	167	1160434	19.41 ng/ul	98
75) Di-n-butylphthalate	18.22	149	1327392	19.26 ng/ul#	98
76) Fluoranthene	19.32	202	1578822	19.94 ng/ul	97
79) Pyrene	19.68	202	1668600	20.06 ng/ul	98
80) Butylbenzylphthalate	20.57	149	654713	19.59 ng/ul#	80
81) 3,3'-Dichlorobenzidine	21.36	252	650109	21.44 ng/ul#	98
82) Benzo(a)anthracene	21.42	228	1825108	19.95 ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.33	149	987012	18.97 ng/ul#	99
84) Chrysene	21.47	228	1693073	19.62 ng/ul	99
86) Di-n-octyl phthalate	22.24	149	1719688	19.97 ng/ul#	89
87) Benzo(b)fluoranthene	23.06	252	1864178	19.70 ng/ul#	98
88) Benzo(k)fluoranthene	23.11	252	1836118m	20.30 ng/ul	
90) Benzo(a)pyrene	23.67	252	1807425	19.65 ng/ul#	96
91) Indeno(1,2,3-cd)pyrene	26.16	276	2117855	19.19 ng/ul#	90
92) Dibenzo(a,h)anthracene	26.16	278	1783054	19.11 ng/ul#	94
93) Benzo(g,h,i)perylene	26.89	276	1783226	19.53 ng/ul#	90

SJ
03/18/2017

(#) = qualifier out of range (m) = manual integration (+) = signals summed